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Title: METHOD AND SYSTEM FOR IMAGE INFORMATION PROCESSING AND ANALYSIS
Inventor's Name: WIXSON et al.
Docket No.: 024478-00023

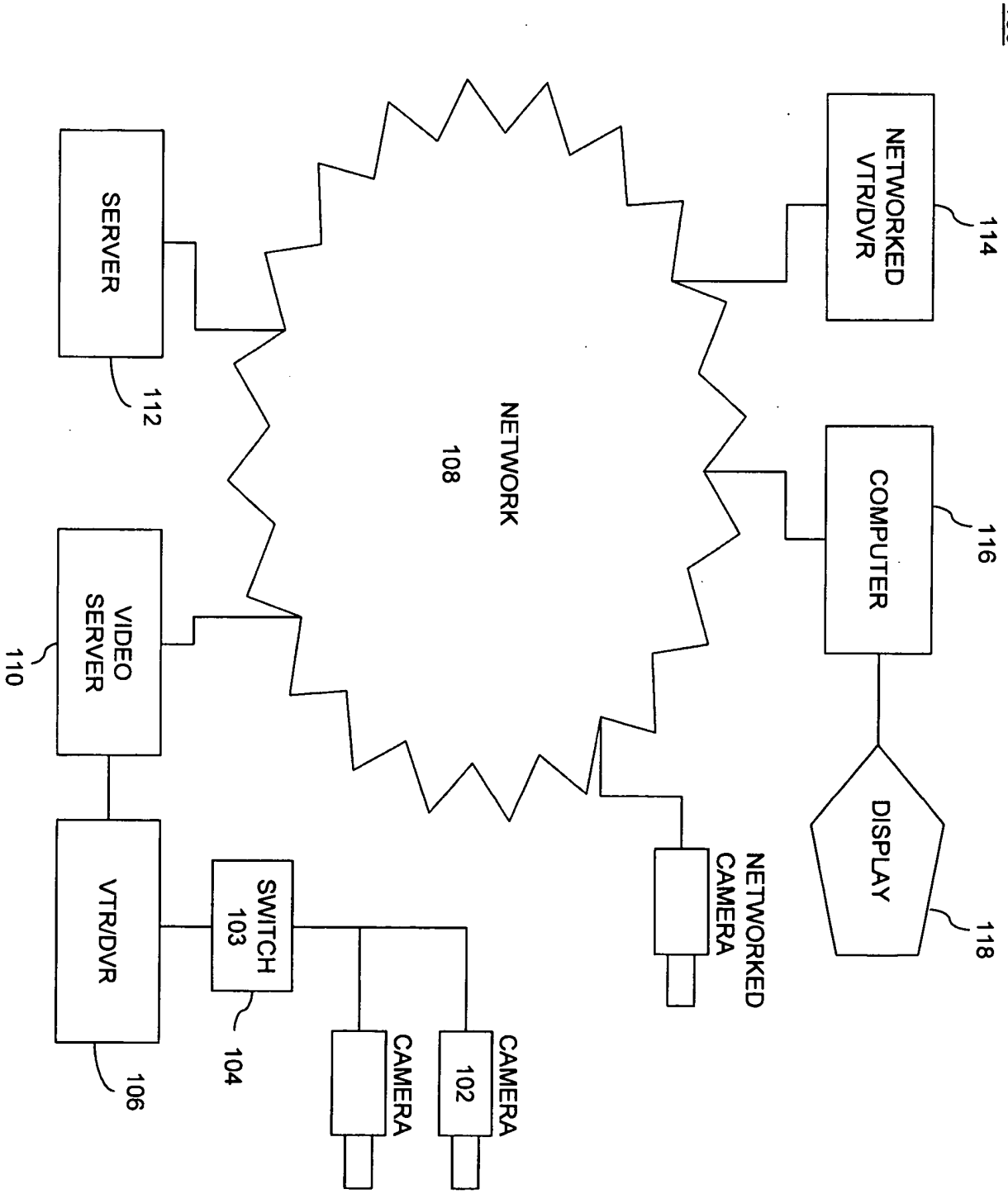

FIG. 1

FIG. 2

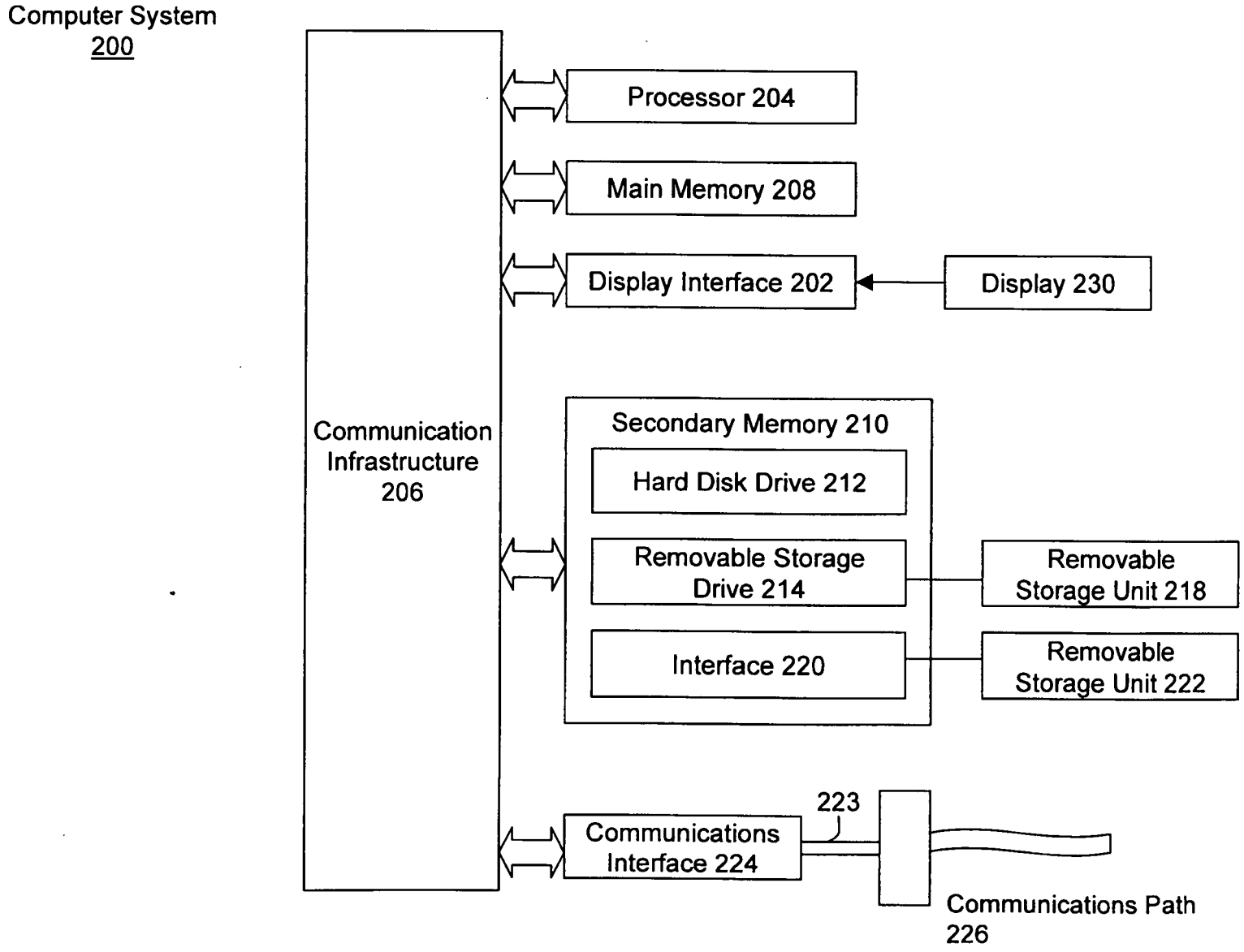

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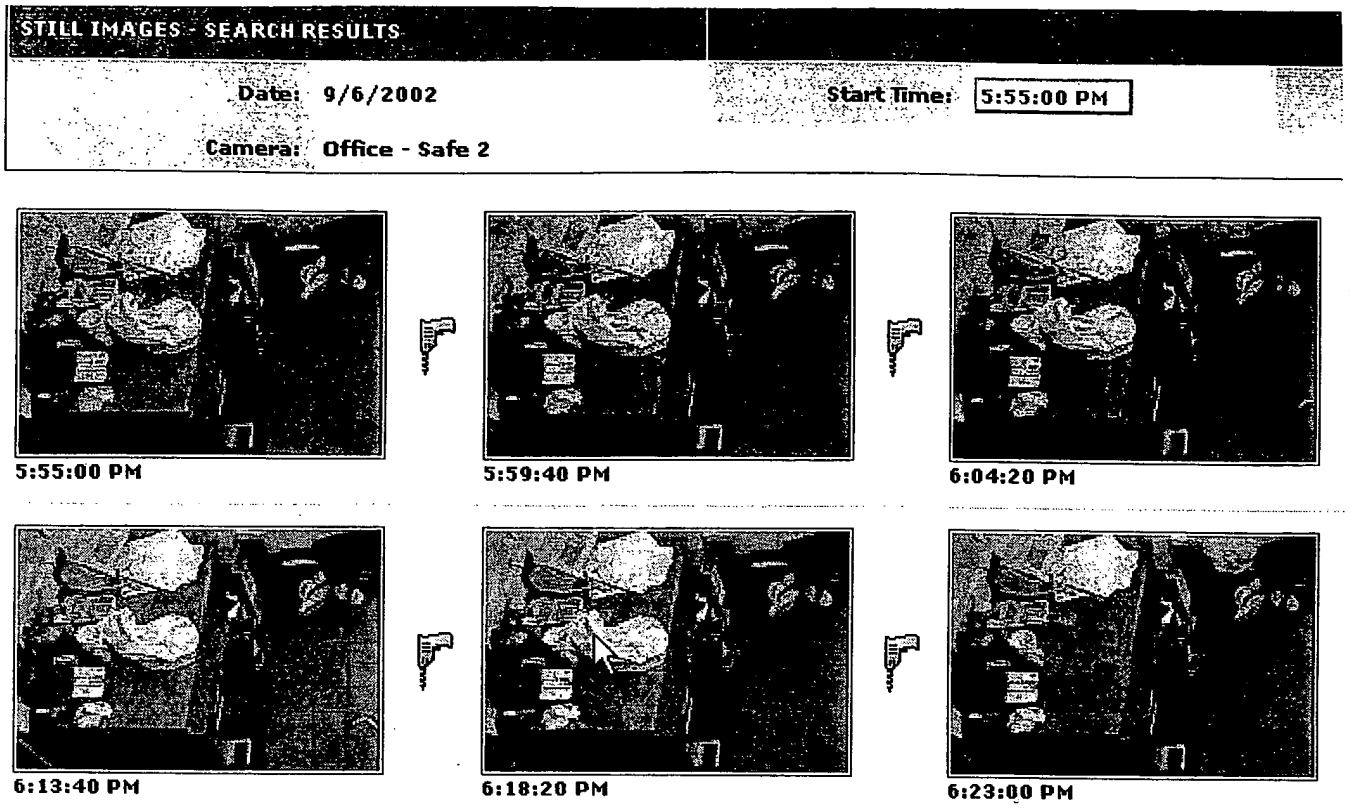
FIG. 3A


STILL IMAGES - SEARCH RESULTS
Date: 9/6/2002
Start Time: 5:55:00 PM
Camera: Office - Safe 2
5:55:00 PM
5:59:40 PM
6:04:20 PM
6:13:40 PM
6:18:20 PM
6:23:00 PM

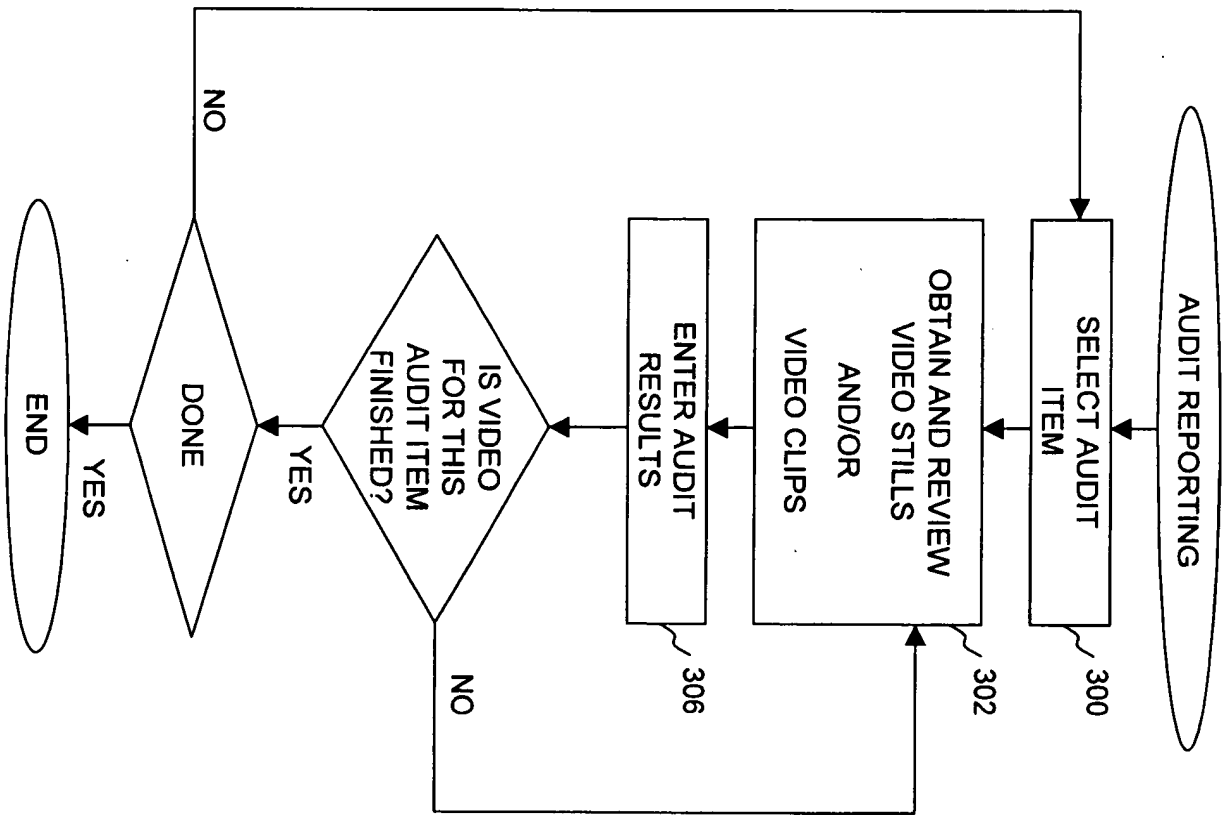
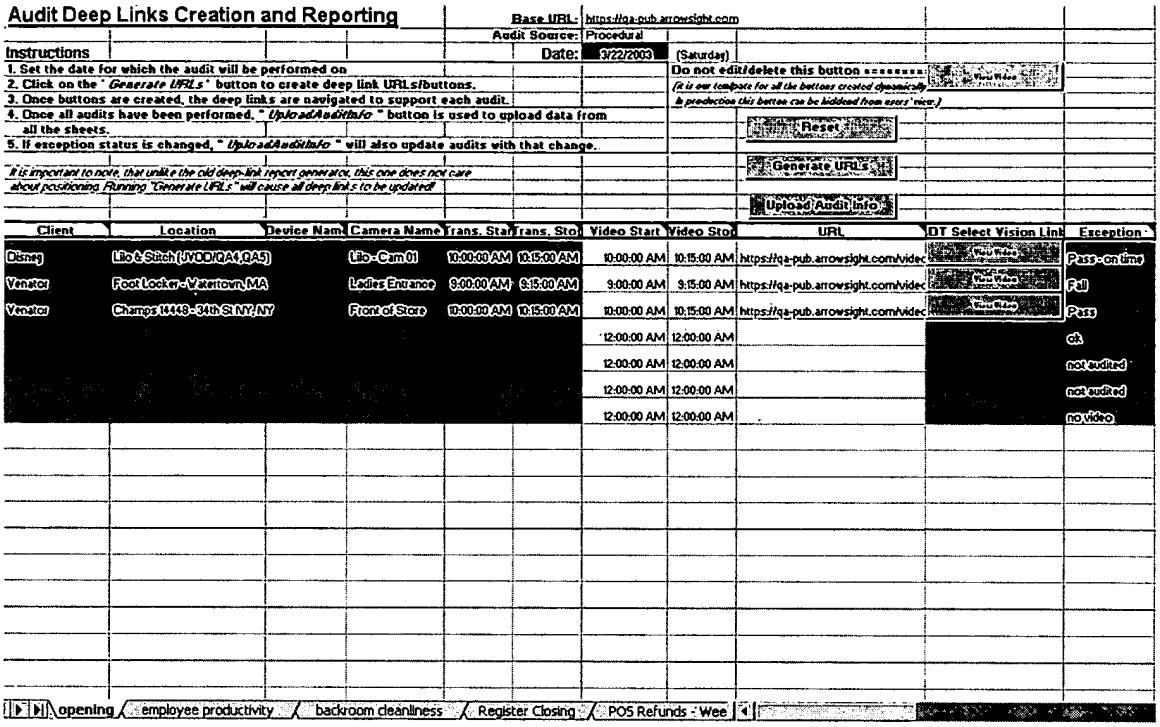

AUDIT REPORTING
SELECT AUDIT ITEM
300
OBTAIN AND REVIEW VIDEO STILLS AND/OR VIDEO CLIPS
302
ENTER AUDIT RESULTS
306
IS VIDEO FOR THIS AUDIT ITEM FINISHED?
NO
YES
DONE
NO
YES
END

FIG. 3B

FIG. 4

Audit Spreadsheet 10



Audit Deep Links Creation and Reporting

Base URL: https://qa-pub.arrowsight.com
Audit Source: Procedural
Date: 3/22/2003 (Saturday)

Instructions
1. Set the date for which the audit will be performed on
2. Click on the 'Generate URLs' button to create deep link URLs/buttons.
3. Once buttons are created, the deep links are navigated to support each audit.
4. Once all audits have been performed, "UploadAuditInfo" button is used to upload data from all the sheets.
5. If exception status is changed, "UploadAuditInfo" will also update audits with that change.

Do not edit/delete this button ..... (It is our template for all the buttons created dynamically. In production this button can be hidden from users' view.)

Reset
Generate URLs
Upload Audit Info

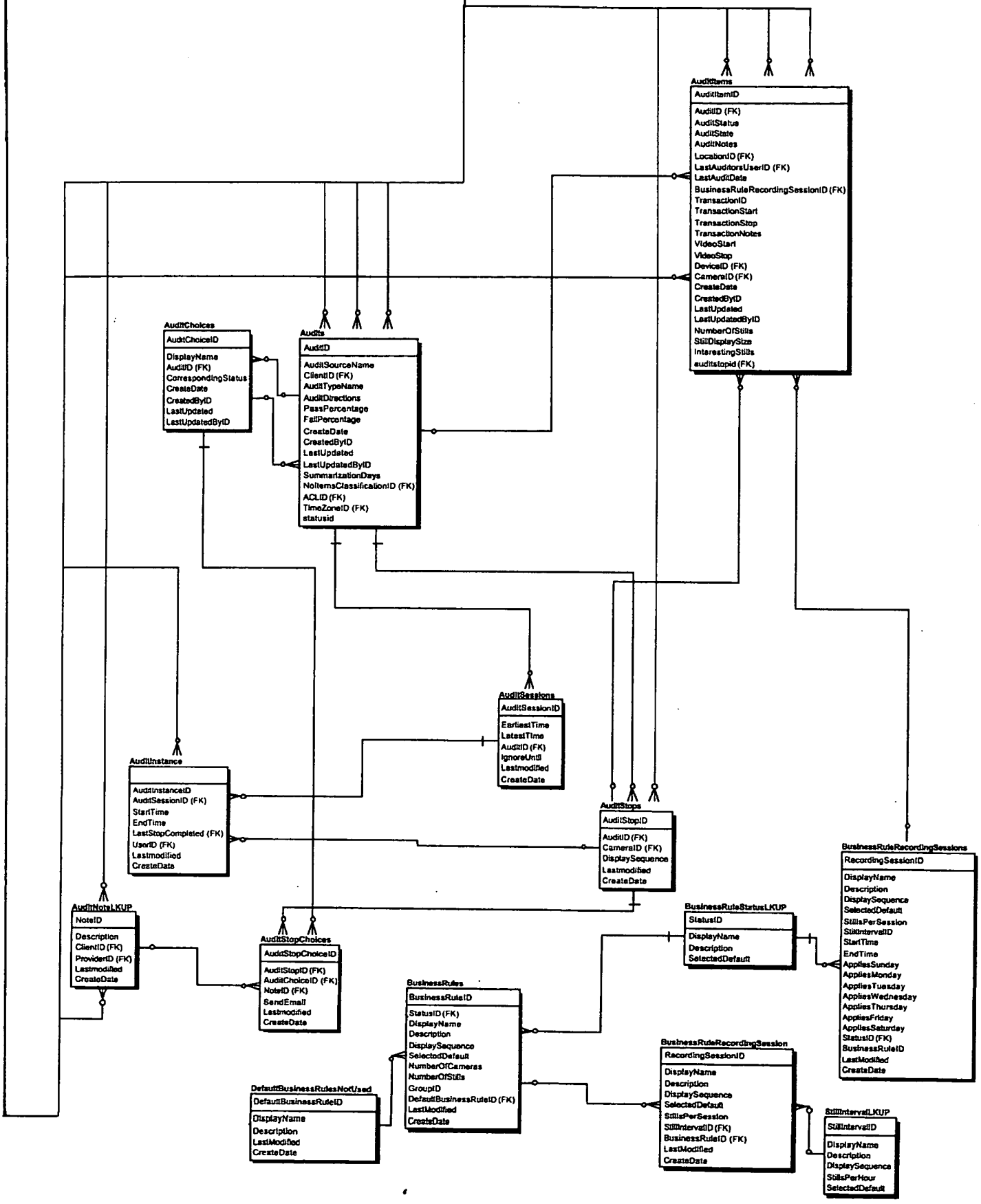
It is important to note, that unlike the old deep-link report generator, this one does not care about positioning. Running "Generate URLs" will cause all deep links to be updated!

Client	Location	Device Nam	Camera Name	Trans. Star	Trans. Sto	Video Start	Video Sto	URL	DT Select Vision Link	Exception
Disney	Lilo & Stitch (UYOD/QA4,QA5)		Lilo - Cam 01	10:00:00 AM	10:15:00 AM	10:00:00 AM	10:15:00 AM	https://qa-pub.arrowsight.com/videc	Play Video	Pass - on time
Venator	Foot Locker - Watertown, MA		Ladies Entrance	9:00:00 AM	9:15:00 AM	9:00:00 AM	9:15:00 AM	https://qa-pub.arrowsight.com/videc	Play Video	Fail
Venator	Champs 14449 - 34th St NY, NY		Front of Store	10:00:00 AM	10:15:00 AM	10:00:00 AM	10:15:00 AM	https://qa-pub.arrowsight.com/videc	Play Video	Pass
						12:00:00 AM	12:00:00 AM			ok
						12:00:00 AM	12:00:00 AM			not audited
						12:00:00 AM	12:00:00 AM			not audited
						12:00:00 AM	12:00:00 AM			no video

opening | employee productivity | backroom cleanliness | Register Closing | POS Refunds - Wee

FIG. 5

Database for maintaining information about locations, video recorders, cameras, devices, users, and user privileges.



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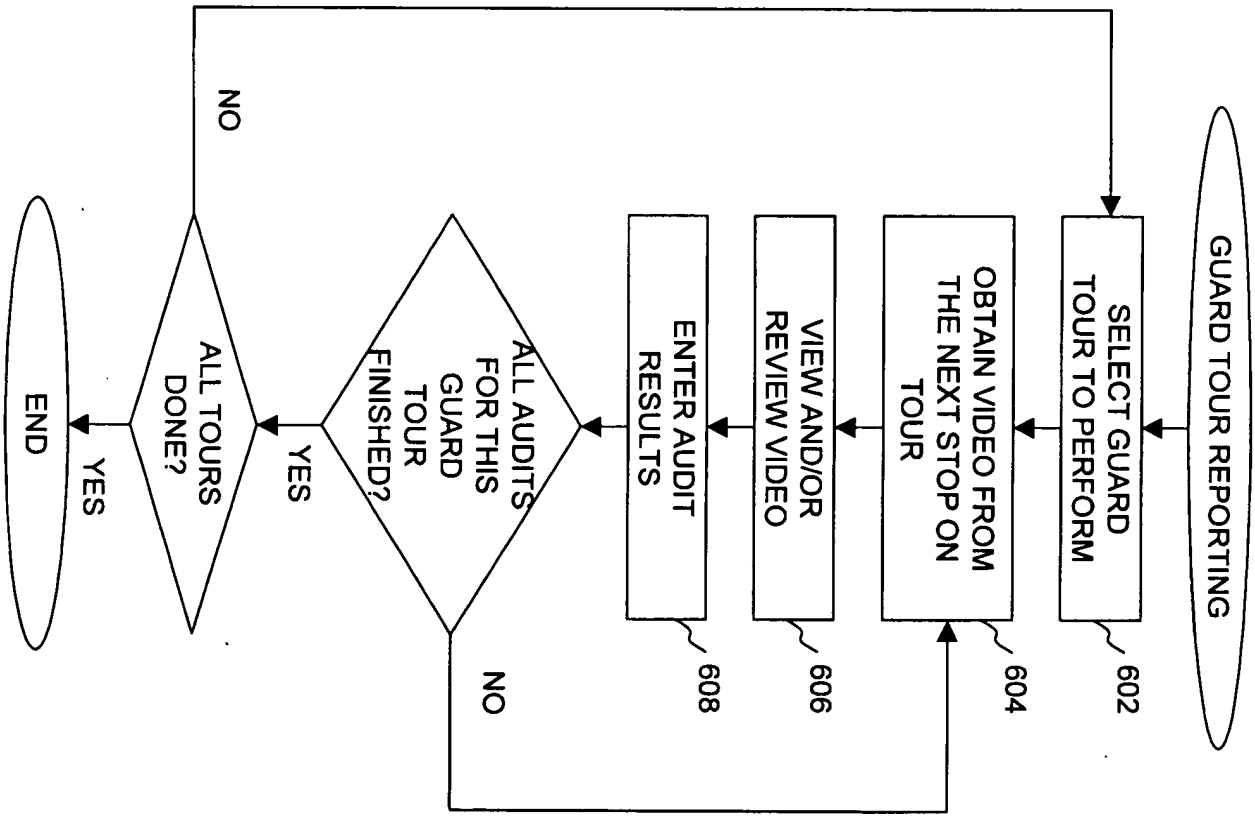
GUARD TOUR REPORTING
SELECT GUARD TOUR TO PERFORM
602
OBTAIN VIDEO FROM THE NEXT STOP ON TOUR
604
VIEW AND/OR REVIEW VIDEO
606
ENTER AUDIT RESULTS
608
ALL AUDITS FOR THIS GUARD TOUR FINISHED?
NO
YES
ALL TOURS DONE?
NO
YES
END

FIG. 6

FIG. 7

Guard Tour Stop/Procedural Audit Screen 20

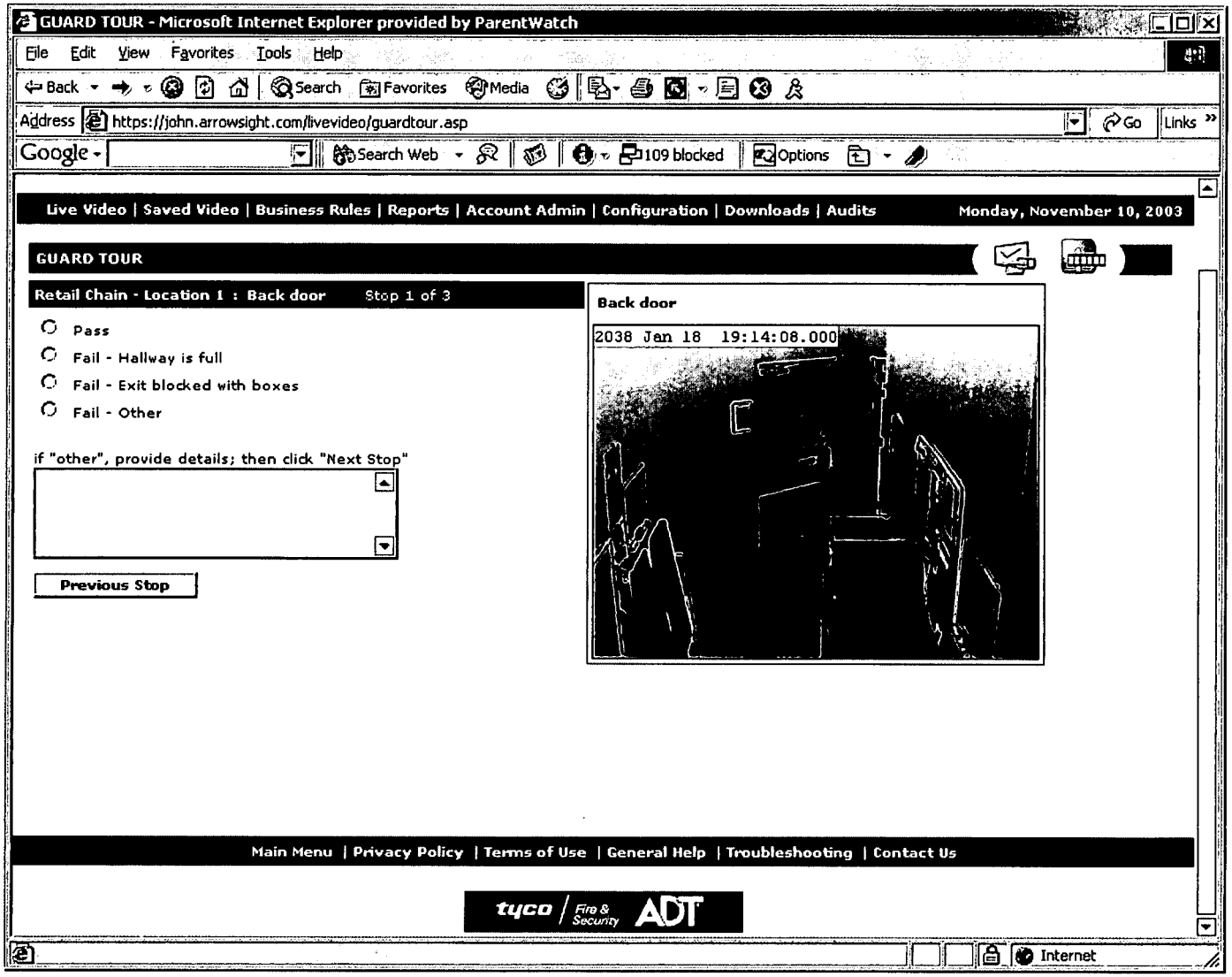

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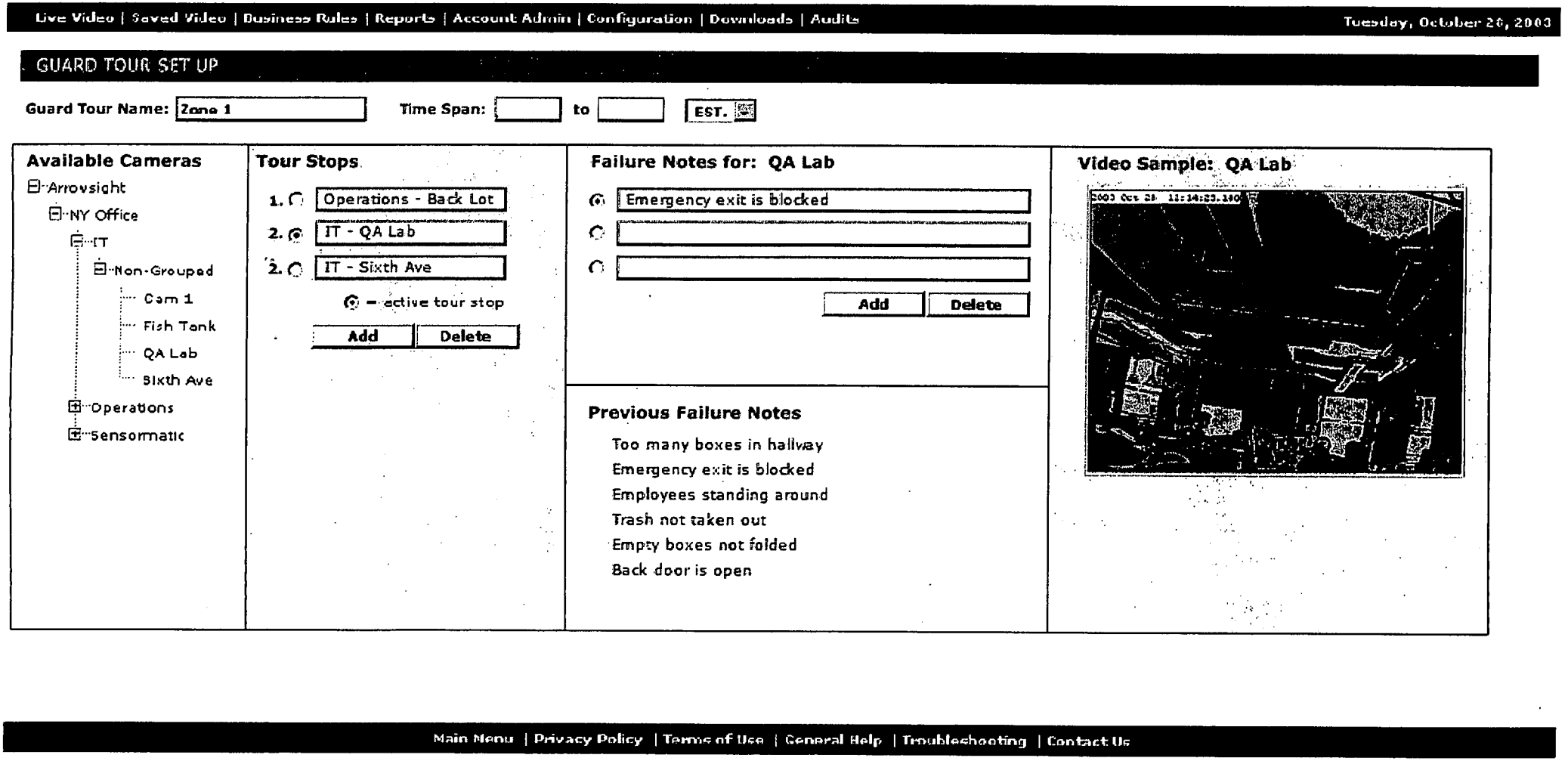
FIG. 8



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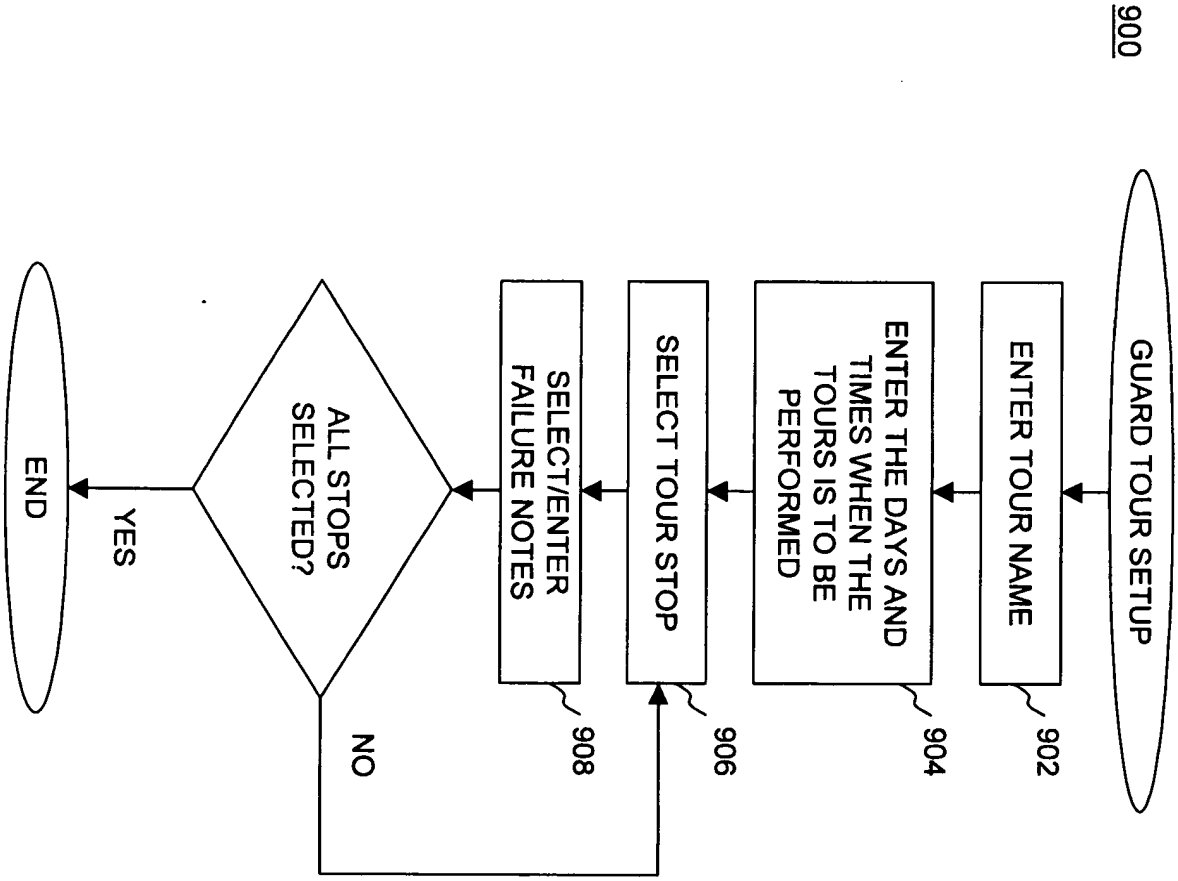
900
GUARD TOUR SETUP
ENTER TOUR NAME
902
ENTER THE DAYS AND TIMES WHEN THE TOURS IS TO BE PERFORMED
904
SELECT TOUR STOP
906
SELECT/ENTER FAILURE NOTES
908
ALL STOPS SELECTED?
NO
YES
END

FIG. 9

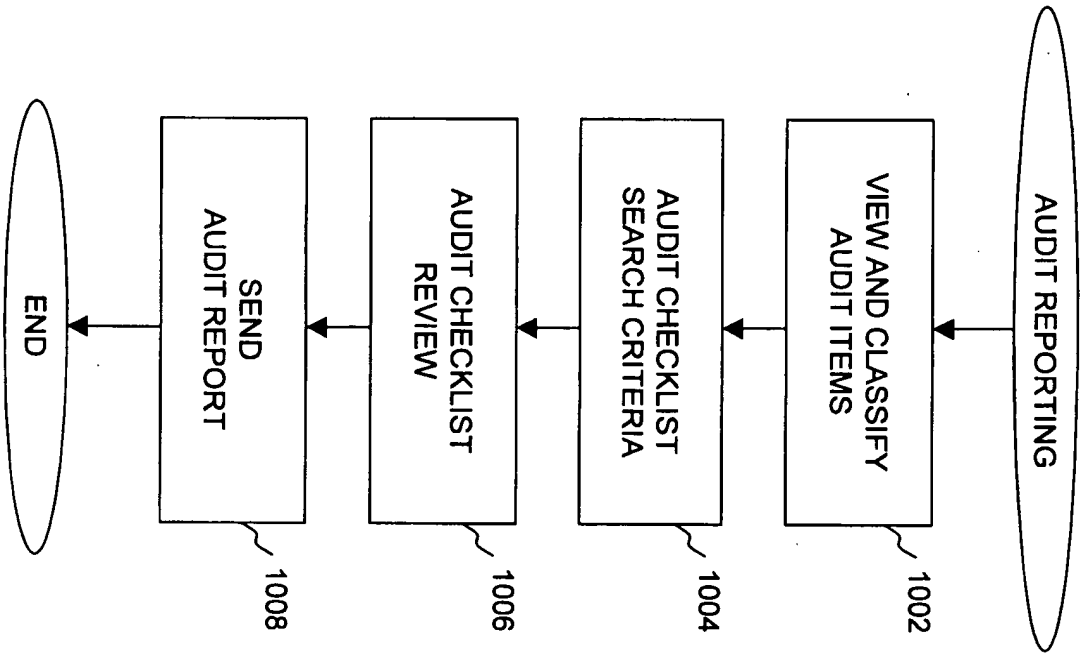
AUDIT REPORTING
VIEW AND CLASSIFY AUDIT ITEMS
1002
AUDIT CHECKLIST SEARCH CRITERIA
1004
AUDIT CHECKLIST REVIEW
1006
SEND AUDIT REPORT
1008
END

FIG. 10

FIG. 11

Checklist Search Criteria

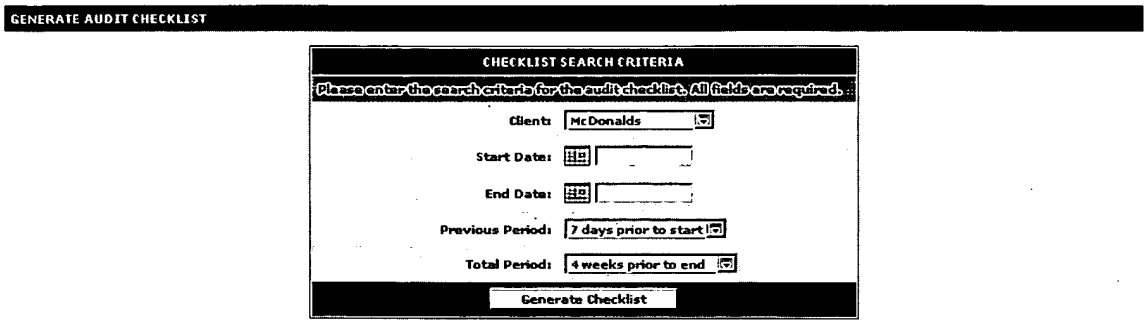

FIG. 12

Checklist Screen 40

AUDIT CHECKLIST

CHECKLIST For McDonalds

Search Again | E-Mail Report | Delete

Audit Source:	Audit Type:	Location:	Date:	Video Start Time:	Video Stop Time:	Camera/Device:	Transaction Start Time:	Status:	Last Auditor:	Last Status Change:	Delete:
Procedural	Back Room Cleanliness	Archdale, NC	4/2/2003	6:00:00 PM	6:15:00 PM	Stock Room Delivery Door	6:00:00 PM	Pass	Shawn Anthony	4/2/2003	
Procedural	Back Room Cleanliness	Highpoint, NC	4/2/2003	6:00:00 PM	6:15:00 PM	Front Counter Cashier 3+ North	6:00:00 PM	Pass	Shawn Anthony	4/2/2003	
Procedural	Back Room Cleanliness	Thomasville Wal Mart (Intlx)	4/2/2003	6:00:00 PM	6:15:00 PM	Front Counter	6:00:00 PM	Pass	Shawn Anthony	4/2/2003	
Procedural	Closing	Archdale, NC	4/2/2003	9:00:00 PM	9:30:00 PM	Front Counter	9:00:00 PM	Not audited	Shawn Anthony	4/2/2003	
Procedural	Closing	Highpoint, NC	4/2/2003	9:00:00 PM	9:30:00 PM	Front Counter Cashier 3+ North	9:00:00 PM	Not audited	Shawn Anthony	4/2/2003	
Procedural	Closing	Thomasville Wal Mart (Intlx)	4/2/2003	9:00:00 PM	9:30:00 PM	Front Counter	9:00:00 PM	Not audited	Shawn Anthony	4/2/2003	
Procedural	Customer Service	Archdale, NC	4/2/2003	7:00:00 AM	9:00:00 PM	Drive Thru Approach	7:00:00 AM	Not audited	Shawn Anthony	4/2/2003	
Procedural	Customer Service	Highpoint, NC	4/2/2003	7:00:00 AM	9:00:00 PM	Front Counter Cashier 3+ North	7:00:00 AM	Don't know	Shawn Anthony	4/2/2003	
Procedural	Customer Service	Thomasville Wal Mart (Intlx)	4/2/2003	7:00:00 AM	9:00:00 PM	Front Counter	7:00:00 AM	Fail	Shawn Anthony	4/2/2003	
Procedural	Opening	Archdale, NC	4/2/2003	7:00:00 AM	7:15:00 AM	Front Counter	7:00:00 AM	Pass	Shawn Anthony	4/2/2003	

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FIG. 13

Granting access to receive Audit Email Report Screen 50

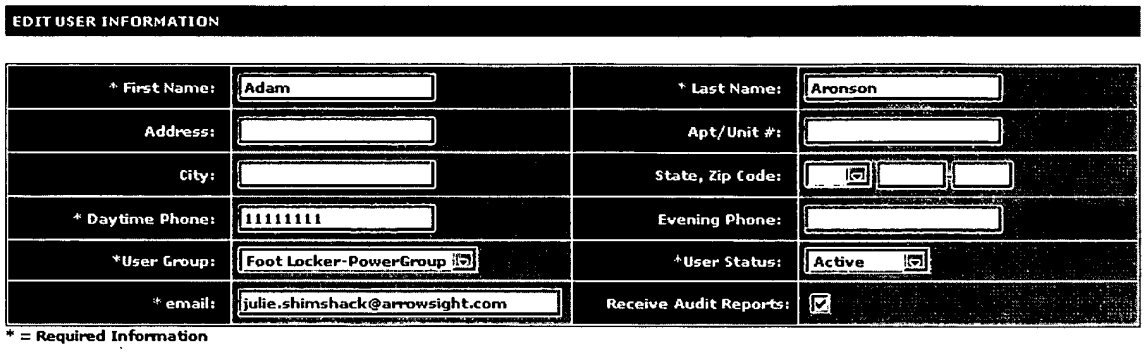

FIG. 14

Report Email Recipients List Screen 60

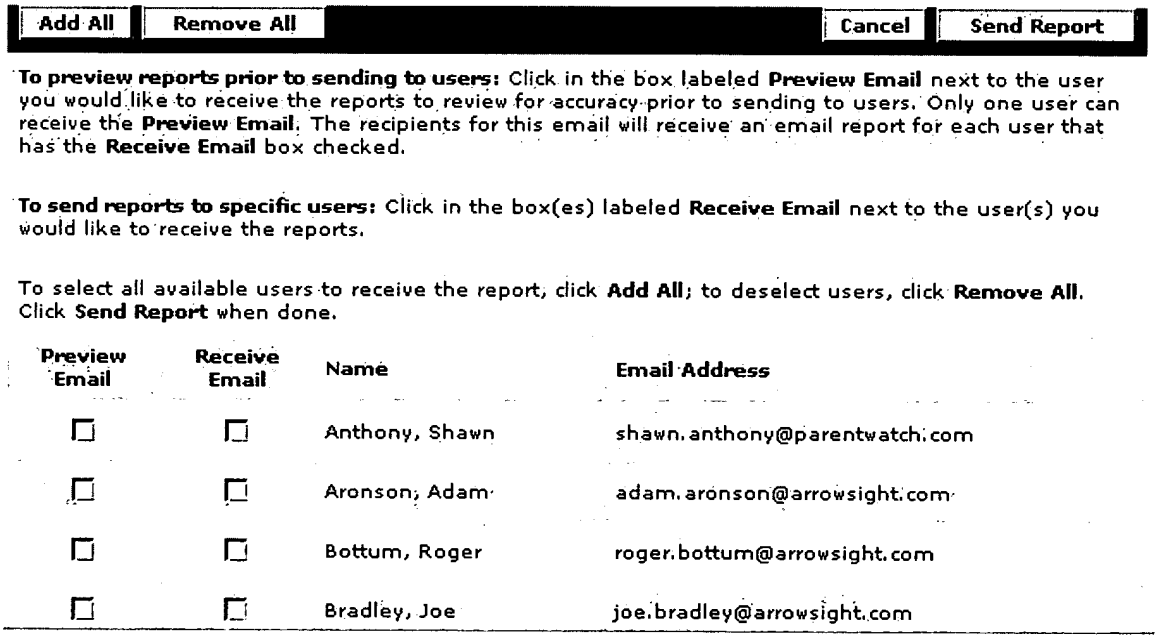

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FIG. 15

Audit Report (Overview) Screen 70

Audit Menu
Overview
Audit Reports
Audit Video
Print this page

ADT Select Vision powered by Arrowsight

Client: Venator

Report Recipient: David Smith
Report Generated: 4/2/2003 3:01:56 PM

Overview

Store Name & Location	Current Period Compliance 3/17/2003-3/21/2003	Previous Period Compliance 3/10/2003-3/16/2003	Average Compliance 2/21/2003-3/21/2003
Pass			
No Stores Passed			
Fail			
Foot Locker - Watertown, MA	27%	50%	32%
Champs 14448 - 34th St NY, NY	59%	50%	67%
Average Score	43%	50%	50%
Total Average Compliance - All Stores	43%	50%	50%

FIG. 16

Audit Report (Store Reports) Screen 80

Audit Menu
Overview
Audit Reports
Audit Video
Print this page

Store Reports

Store Name & Location	Audit Procedure	Current Period Compliance 3/17/2003-3/21/2003	Previous Period Compliance 3/10/2003-3/16/2003	Average Compliance 2/21/2003-3/21/2003
Fail				
Foot Locker - Watertown, MA - 485 Arsenal St., Watertown MA				
	Back Door - Evenings & Wknds	40%	100%	90%
	Customer Service - Weekday	Not avail	0%	0%
	Opening	0%	Not avail	0%
	POS Refunds - Weekday	40%	Not avail	40%
Average compliance for Foot Locker - Watertown, MA		27%	50%	32%
Champs 14448 - 34th St NY, NY - 1 West 34th Street, NY NY				
	Back Door - Evenings & Wknds	0%	100%	83%
	Customer Service - Weekday	60%	0%	10%
	Opening	100%	Not avail	100%
	POS Refunds - Weekday	76%	Not avail	76%
Average compliance for Champs 14448 - 34th St NY, NY		59%	50%	67%

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FIG. 17

Audit Reports (Video links) Screen 90

Audit Menu
Overview
Audit Reports
Audit Video
Print this page

Store Audit Procedures

Store Name & Location	Audit Procedure	Monday 3/17/2003	Tuesday 3/18/2003	Wednesday 3/19/2003	Thursday 3/20/2003	Friday 3/21/2003
Foot Locker - Watertown, MA - 485 Arsenal St., Watertown MA						
	Back Door - Evenings & Wknds	Fail		Fail		Fail
		Fail		Fail		Fail
		Fail		Fail		Fail
	Customer Service - Weekday	Pass	Unexamined	Unexamined	Unexamined	Unexamined
		Unexamined	Pass	Pass	Pass	Pass
		Pass	Pass	Pass	Pass	Pass
		Pass	Pass	Pass	Pass	Pass
		Pass	Pass	Pass	Pass	Pass
		Pass	Pass	Pass	Pass	Pass
	Opening	Unexamined	Incident	Unexamined	Incident	Unexamined
	POS Refunds - Weekday	Unexamined	Ok	Unexamined	Ok	Unexamined
		Incident	No video	Incident	No video	Incident
Champs 14448 - 34th St NY, NY - 1 West 34th Street, NY NY						
	Back Door - Evenings & Wknds	Fail	Fail	Fail	Fail	Fail
		Fail	Fail	Fail	Fail	Fail
		Fail	Fail	Fail	Fail	Fail
		Fail	Fail	Fail	Fail	Fail
			Fail		Fail	
	Customer Service - Weekday	Pass	Pass	Pass	Pass	Pass
		Pass	Pass	Pass	Pass	Pass
		Pass	Fail	Pass	Fail	Pass
		Pass	Pass	Pass	Pass	Pass

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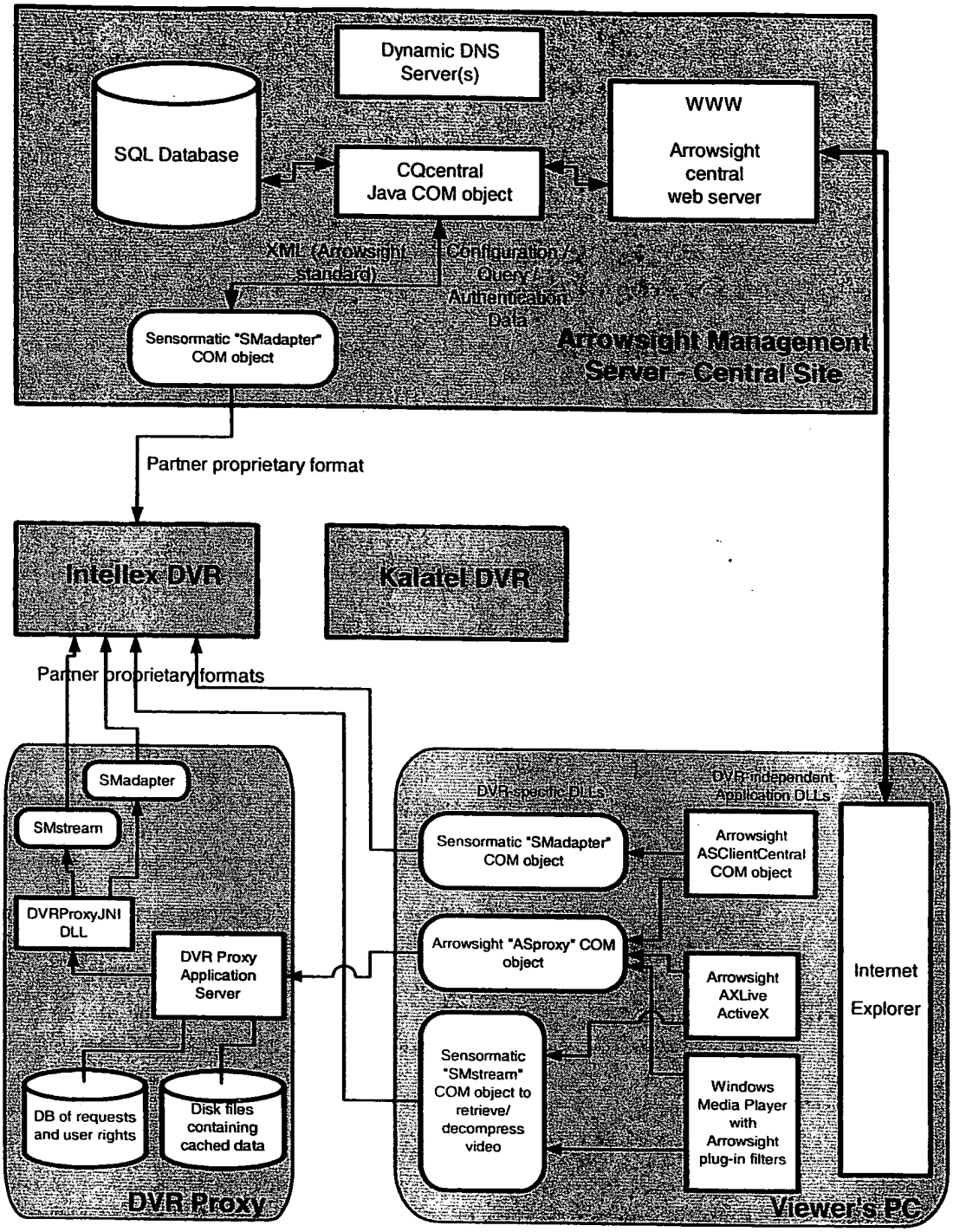
FIG. 18



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